IN THE SPECIFICATION

Page 1, lines 5-10, substitute the following paragraph:

Known procedures and devices carry out the collection of a soil sample which is taken to the laboratory. This has the inconvenience that the aqueous solution found in the edaphic profile or substratum is not used directly, and thus the degree of distortion of the analysis depends mainly on the qualitative composition of the water used.

Page 1, lines 15-20, substitute the following paragraph:

The device of the present invention is applied to carry out the extraction and sampling of an aqueous substrate solution in, for example, soils with different :edaphic profiles or substratum, called soil solution; land drainage; artificial inorganic substrata, saturated or unsaturated; and artificial organic substrata, saturated or unsaturated.

Page 2, lines 9-13, substitute the following paragraphs:

In the industrial area, the device is used in ponds for decanting solids and/or liquids, and residue control.

The device is formed by a pyrometric capsule of porous porcelain, permeable to the solution in the soil and intended not to modify the original characteristics of the solutions.

Page 2, lines 18-21, substitute the following paragraph:

At the free end of the tube, a rubber pipe with hermetic closure is attached. An adapter tube for a vacuum pump and a suction gland that is introduced lengthways into the probe are provided in the closure.

Page 3, lines 3 and 4, substitute the following paragraph:

The sole figure is a sectional view of the device of the invention in the form of a probe for extracting and taking samples of aqueous substrate solutions.

Page 3, lines 7-13, substitute the following paragraphs:

The device designated generally by numeral 1 is constituted by a probe generally designated by numerical 2 formed by a pyrometric capsule 3 of porous porcelain, having a decreased section 4 in the end area, to which is attached the end of a tube 5 of known inert material, such as P.V.C., polyethylene, etc.

A rubber cap 6 is attached on the free end of the tube 5 to obtain a hermetic seal.